

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A method stored in a computer readable medium to perform customized error handling, comprising:
 - analyzing an application program prior to execution;
 - in response to the analyzing of the application program, detecting a sub-sequence of the application program that, when executed, will cause a first error message to be displayed; and
 - prior to execution of the application program, overwriting the sub-sequence of the application program with new instructions that, when executed, will cause a second error message to be displayed.
- 2-9. (Cancelled)

10. (Currently Amended) A method to perform customized error handling, comprising:
~~intercepting all of the messages sent from an operating system to a display;~~
~~searching the messages;~~
identifying a sub-sequence of a program partition that will result in a call to the operating system that may cause an error;
~~detecting a first error message in one or more of the messages;~~
determining if the error occurred based on the outcome of the call; and
modifying the sub-sequence of the program partition with a new sub-sequence of computer instructions such that the new instructions accomplish the desired operation while leaving the program partition otherwise unaffected.
~~retrieving a second error message corresponding to said first error message; and~~
~~sending said second error message to the display, wherein the second error message displayed to the user contains buttons that allow or require user selection.~~
11. (Currently Amended) The method of claim 10, wherein ~~said retrieving~~ determining if an error occurred comprises executing the call that the program desired to make ~~retrieving said second error message using said first error message.~~
12. (Currently Amended) An article comprising:
a storage medium;
said storage medium including stored instructions that, when executed by a processor,
result in ~~intercepting all of the messages sent from an operating system to a display, searching the messages~~ identifying a sub-sequence of a program partition that will result in a call to the operating system that may cause an error, detecting a first error message in one or more of the messages determining if the error occurred based on the outcome of the call, and modifying the sub-sequence of the

program partition with a new sub-sequence of computer instructions such that the new instructions accomplish the desired operation while leaving the program partition otherwise unaffected ~~retrieving a second error message corresponding to said first error message, and sending said second error message to the display, wherein the second error message displayed to the user contains buttons that allow or require user selection.~~

13. (Cancelled)

14. (Currently Amended) The article of claim 12, wherein the stored instructions, when executed by a processor, further result in executing the call that the program desired to make to determine if an error occurred ~~terminating said first error message.~~

15. (Currently Amended) The article of claim 12, wherein the stored instructions, when executed by a processor, further result in examining the outcome of the call to the operating system to determine if an error occurred ~~retrieving a second error message by searching an error translation table using said first error message, and retrieving said second error message from said error translation table corresponding to said first error message.~~

16. (New) The method stored in a computer readable medium of claim 1, wherein detecting a sub-sequence of the application program that, when executed, will cause a first error message to be displayed further comprises executing the sub-sequence of the application program.

17. (New) The method stored in a computer readable medium of claim 16, wherein detecting a sub-sequence of the application program that, when executed, will cause a first error message to be displayed further comprises examining the outcome of executing the sub-sequence of the application program.

18. (New) The method stored in a computer readable medium of claim 1, wherein detecting a sub-sequence of the application program that, when executed, will cause a first error message to be displayed further comprises searching for the presence of any files that may be requested by the sub-sequence of the application program and determining if the files are present.

19. (New) The method of claim 10, wherein determining if an error occurred further comprises examining the outcome of the call to the operating system.

20. (New) The method of claim 10, wherein the call to the operating system is a system call.

21. (New) The method of claim 10, wherein the call to the operating system is an application call.

22. (New) The method of claim 10, wherein determining if an error occurred further comprises searching for the presence of any files that may be requested by the call and determining if the files are present.

23. (New) The article of claim 12, wherein the call to the operating system is a system call.

24. (New) The article of claim 12, wherein the call to the operating system is an application call.

25. (New) The article of claim 12, wherein the stored instructions, when executed by a processor, further result in searching for the presence of any files that may be requested by the call and determining if the files are present to determine if an error occurred.